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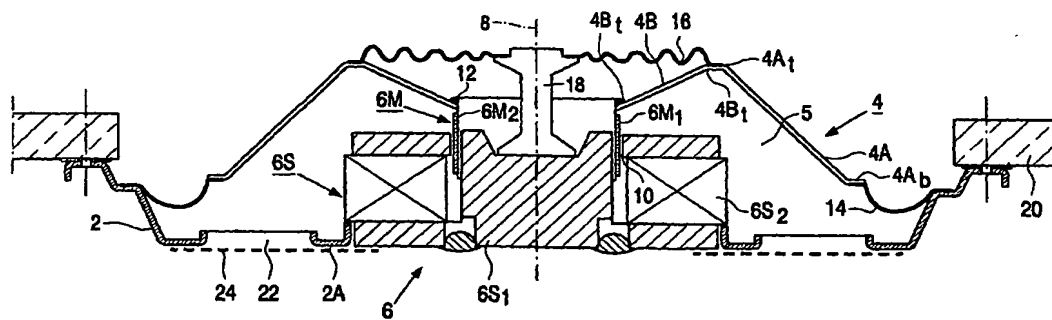
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(54) Title: LOUDSPEAKER WITH A FIRST AND A SECOND DIAPHRAGM BODY



(57) Abstract: Loudspeaker provided with a frame (2), a diaphragm (4) and an electric driving means for moving the diaphragm along an axis of translation (8) with respect to the frame. The diaphragm runs round the axis of translation and includes an outer conical first diaphragm body (4A) and an inner conical second diaphragm body (4B) which is invertedly oriented with respect to and positioned inside the first diaphragm body. These bodies each have a base portion and a top portion, the top portion (4At) of the first diaphragm body and the base portion (4Bb) of the second diaphragm body being interconnected. The diaphragm is suspended from the frame through a first flexible suspension means (14) extending between the base portion (4Ab) of the first diaphragm body and the frame and through a second flexible suspension means (16) extending between the top portion of the first diaphragm body and the frame. The top portion (4Bt) of the second diaphragm body is attached to a movable part (6M) of the driving means. Due to this suspension arrangement in combination with the specific form of the diaphragm a very small height of the loudspeaker is within reach.

WO 03/092324 A1